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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>			
		Application Number	10/696,236		
		Filing Date	October 28, 2003		
		First Named Inventor	CREDELLE, Thomas Lloyd		
		Art Unit	2629		
		Examiner Name	MOON, Seokyun		
Sheet	1	of	13	Attorney Docket Number	8831.0056-01

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
S.M.		US-3,971,065	07-20-1979	Bayer	
		US-4,353,062	10-05-1982	Lorteije et al	
		US-4,642,619	02-10-1987	Togashi	
		US-4,651,148	03-17-1987	Takeda et al	
		US-4,773,737	09-27-1988	Yokono et al	
		US-4,781,438	11-01-1988	Noguchi	
		US-4,800,375	01-24-1989	Silverstein et al	
		US-4,853,592	08-01-1989	Stratham	
		US-4,874,986	10-17-1989	Menn et al	
		US-4,886,343	12-12-1989	Johnson	
		US-4,908,609	03-13-1990	Stroomer	
		US-4,920,409	04-24-1990	Yamagishi	
		US-4,965,565	10-23-1990	Noguchi	
		US-5,006,840	04-09-1991	Hamada et al	
		US-5,052,785	10-01-1991	Takimoto et al	
		US-5,097,297	03-17-1992	Nakazawa	
		US-5,113,274	05-12-1992	Takahashi et al	
		US-5,144,288	09-01-1992	Hamada et al	
		US-5,184,114	02-02-1993	Brown	

FOREIGN PATENT DOCUMENTS						
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S.M.		JP 2004-004822	01-08-2004	Ko et al		Full English
		WO 2004/021323 A2	03-11-2004	Rho et al		
		WO 2004/027503 A1	04-01-2004	Roh et al		
		WO 2004/086128 A1	10-07-2004	Kim et al		
		WO 2005/050296 A1	06-02-2005	Yang et al		
		EP 0 322 106 A2	06-28-1989	Gibbons		

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S.M. ↓		US-5,191,451	03-02-1993	Katayama et al	
		US-5,196,924	03-23-1993	Lumelsky et al	
		US-5,311,205	05-10-1994	Hamada et al	
		US-5,311,337	05-10-1994	McCartney, Jr.	
		US-5,315,418	05-24-1994	Sprague et al	
		US-5,334,996	08-02-1994	Tanigaki et al	
		US-5,341,153	08-23-1994	Benzschawel et al	
		US-5,398,066	03-14-1995	Martinez-Uriegas et al	
		US-5,436,747	07-25-1995	Suzuki	
		US-5,438,649	08-01-1995	Ruetz	
		US-5,448,652	09-05-1995	Vaidyanathan et al	
		US-5,450,216	09-12-1995	Kasson	
		US-5,459,595	10-17-1995	Ishiguro	
		US-5,461,503	10-24-1995	Deffontaines et al	
		US-5,485,293	01-16-1996	Robinder	
		US-5,535,028	07-09-1996	Bae et al	
		US-5,563,621	10-08-1996	Silsby	
		US-5,579,027	11-26-1996	Sakurai et al	
		US-5,646,702	07-08-1997	Akinwande et al	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
S.M. ↓		EP 1 381 020 A2	01-14-2004	Thielemans et al		
		DE 199 23 527 (w/ trans.)	11-23-2000	Bohlendorf		Full English
		DE 201 09 354 U1	09-13-2001	Giantplus		
		DE 299 09 537 U1	10-14-1999	Phan		
		JP 02-983027 B2	04-03-1991	Ishitani		Abstract
		JP 03-78390	04-03-1991	Ishitani		Full English

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S.M. ↓		US-5,648,793	07-15-1997	Chen	
		US-5,739,802	04-14-1998	Mosier	
		US-5,754,163	05-19-1998	Kwon	
		US-5,754,226	05-19-1998	Yamada et al	
		US-5,767,829	06-16-1998	Verhulst	
		US-5,808,594	09-15-1998	Tsubyama et al	
		US-5,818,405	10-06-1998	Eglit et al	
		US-5,949,396	09-07-1999	Lee	
		US-5,949,496	09-07-1999	Kim	
		US-5,971,546	10-26-1999	Park	
		US-6,005,692	12-21-1999	Stahl	
		US-6,008,868	12-28-1999	Silverbrook	
		US-6,037,719	03-14-2000	Yap et al	
		US-6,064,363	05-16-2000	Kwon	
		US-6,069,670	05-30-2000	Borer	
		US-6,088,050	07-11-2000	Ng	
		US-6,097,367	08-01-2000	Kuriwaki et al	
		US-6,108,122	08-22-2000	Ulrich et al	
		US-6,144,352	11-07-2000	Matsuda et al	

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S.M. ↓		JP 06-102503	04-15-1994	Yao		Full English
		JP 08-202317	08-09-1996	Moriyoshi		Full English
		JP 11-282008	10-15-1999	Iwami		Full English
		JP 60-107022	06-12-1985	Hamada		Abstract

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S.M.		US-6,147,664	11-14-2000	Hansen	
		US-6,151,001	11-21-2000	Anderson et al	
		US-6,160,535	12-12-2000	Park	
		US-6,188,385 B1	02-13-2001	Hill et al	
		US-6,219,019 B1	04-17-2001	Hasegawa	
		US-6,219,025 B1	04-17-2001	Hill et al	
		US-6,225,967 B1	05-01-2001	Hebiguchi	
		US-6,225,973 B1	05-01-2001	Hill et al	
		US-6,236,390 B1	05-22-2001	Hitchcock	
		US-6,239,783 B1	05-29-2001	Hill et al	
		US-6,243,055 B1	06-05-2001	Ferguson	
		US-6,243,070 B1	06-05-2001	Hill et al	
		US-6,278,434 B1	08-21-2001	Hill et al	
		US-6,326,981 B1	12-04-2001	Mori et al	
		US-6,327,008 B1	12-04-2001	Fujiyoshi	
		US-6,332,030 B1	12-18-2001	Manjunath et al	
		US-6,335,719 B1	01-01-2002	An et al	
		US-6,342,876 B1	01-29-2002	Kim	
		US-6,348,929 B1	02-19-2002	Acharya et al	

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S.M.		US-6,377,262 B1	04-23-2002	Hitchcock et al	
		US-6,392,717 B1	05-21-2002	Kunzman	
		US-6,393,145 B2	05-21-2002	Betrissey et al	
		US-6,388,644 B1	05-14-2002	De Zwart et al	
		US-6,396,505 B1	05-28-2002	Lui et al	
		US-6,441,867 B1	08-27-2002	Daly	
		US-6,469,766 B1	10-22-2002	Waterman et al	
		US-6,545,653 B1	04-08-2003	Takahara et al	
		US-6,552,706 B1	04-22-2003	Ikeda et al	
		US-6,570,584 B1	05-27-2003	Cok et al	
		US-6,590,555 B1	07-08-2003	Su et al	
		US-6,624,828 B1	09-23-2003	Drešević et al	
		US-6,661,429 B1	12-09-2003	Phan	
		US-6,674,430 B1	01-06-2004	Kaufman et al	
		US-6,674,436 B1	01-06-2004	Drešević et al	
		US-6,680,761 B1	01-20-2004	Greene et al	
		US-6,727,878 B1	04-27-2004	Okuzono et al	
		US-6,738,204 B1	05-18-2004	Chuang et al	
		US-6,750,875 B1	06-15-2004	Keely, Jr. et al	

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S.M.		US-6,804,407 B2	10-12-2004	Weldy	
		US-6,995,346 B2	02-07-2006	Johanneson et al	
		US-6,833,890 B2	12-21-2004	Hong et al	
		US-6,850,294 B2	02-01-2005	Roh et al	
		US-6,888,604 B2	05-03-2005	Rho et al	
		US-2004/0021804 A1	02-05-2004	Hong et al	
		US-2004/0095521 A1	05-20-2004	Song et al	
		US-2004/0114046 A1	06-17-2004	Lee et al	
		US-2004/0169807 A1	09-02-2004	Rho et al	
		US-2004/0179160 A1	09-16-2004	Rhee et al	
		US-2004/0239837 A1	12-02-2004	Hong et al	
		US-2005/0068477 A1	03-31-2005	Shin et al	
		US-2005/0083356 A1	04-21-2005	Roh et al	
		US-6,714,206 B1	03-30-2004	Martin et al	
		US-6,836,300 B2	12-28-2004	Choo et al	
		US-6,867,549 B2	03-15-2005	Cok et al	
		US-6,885,380 B1	04-26-2005	Primerano et al	
		US-6,897,876 B2	05-24-2005	Murdoch et al	
		US-6,903,378 B2	06-07-2005	Cok	

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		Filing Date	October 28, 2003		
		First Named Inventor	CREDELLE, Thomas Lloyd		
		Art Unit	2629		
		Examiner Name	MOON, Seokyun		
Sheet	7	of	13	Attorney Docket Number	8831.0056-01

U.S. PATENT DOCUMENTS					
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S.M.		US-2003/0071943 A1	04-17-2003	Choo et al	
		US-2004/0155895 A1	08-12-2004	Lai	
		US-2004/0189662 A1	09-30-2004	Frissen et al	
		US-2004/0189664 A1	09-30-2004	Frissen et al	
		US-2004/0239813A1	12-02-2004	Klompennhouwer	
		US-2005/0007539 A1	01-13-2005	Taguchi et al	
		US-2005/0024380 A1	02-03-2005	Lin et al	
		US-2005/0040760 A1	02-24-2005	Taguchi et al	
		US-2005/0140634 A1	06-30-2005	Takatori	
		US-5,899,550	05-04-1999	Masaki	
		US-6,100,872	08-08-2000	Aratani et al	
		US-6,714,212 B1	03-30-2004	Tsuboyama et al	
		US-6,714,243 B1	03-30-2004	Mathur et al	
		US-6,771,028 B1	08-03-2004	Winters	
		US-2004/0169807 A1	09-02-2004	Rho et al	
		US-2004/0223005 A1	11-11-2004	Lee	
		US-2005/0219274 A1	10-06-2005	Yang et al	
		US-2001/0015716 A1	08-23-2001	Kim	
		US-2001/0017607 A1	08-30-2001	Kwon et al	

FOREIGN PATENT DOCUMENTS						
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S.M.		US-2002/0093476 A1	07-18-2002	Hill et al	
		US-2002/0158997 A1	10-31-2002	Fukami et al	
		US-2003/0006978 A1	01-09-2003	Fujiyoshi	
		US-2003/0011603 A1	01-16-2003	Koyama et al	
		US-2003/0077000 A1	04-24-2003	Blinn et al	
		US-2003/0146893 A1	08-07-2003	Sawabe	
		US-2003/0218618 A1	11-27-2003	Phan	
		US-2004/0008208 A1	01-15-2004	Dresevic et al	
		US-2004/0061710 A1	04-01-2004	Messing et al	
		US-2004/0094766 A1	05-20-2004	Lee et al	
		US-2004/0150651 A1	08-05-2004	Phan	
		US-2004/0174389 A1	09-09-2004	Ben-David et al	
		US-2004/0213449 A1	10-28-2004	Safee-Rad et al	
		US-2004/0247070 A1	12-09-2004	Ali et al	
		US-2005/0151752 A1	07-14-2005	Phan	
		US-2005/0162600 A1	07-28-2005	Rho et al	
		US-2004/0246213 A1	12-09-2004	Credelle et al	
		US-2004/0246278 A1	12-09-2004	Elliott	
		US-2004/0246279 A1	12-09-2004	Credelle et al	

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S.M.		Brown Elliott, C., "Active Matrix Display....", IDMC 2000, 185-189, 8/2000.	
		Brown Elliott, C., "Color Subpixel Rendering Projectors and Flat Panel Displays," SMPTE, Feb 27-Mar 1, 2003, Seattle, WA pp 1-4	
		Brown Elliott, C, "Co-Optimization of Color AMLCD Subpixel Architecture and Rendering Algorithms," SID 2002 Proceedings Paper, May 30, 2002 pp 172-175	
		Brown Elliott, C, "Development of the PenTile Matrix™ Color AMLCD Subpixel Architecture and Rendering Algorithms", SID 2003, Journal Article	
		Brown Elliott, C, "New Pixel Layout for PenTile Matrix™ Architecture", IDMC 2002, pp 115-117	
		Brown Elliott, C, "Pentile Matirx™ Displays and Drivers" ADEAC Proceedings Paper, Portland OR., Oct 2005.	
		Brown Elliott, C, "Reducing Pixel Count Without Reducing Image Quality", Information Display 12/99, Vol 1, pp 22-25	
		Credelle, Thomas, "P-00: MTF of High-Resolution PenTile Matrix Displays", Eurodisplay 02 Digest, 2002 Pages 1-4	
		Daly, Scott, "Analysis of Subtriad Addressing Algorithms by Visual System Models", SID Symp. Digest, June 2001 Pages 1200-1203	
		Klompennhouwer, Michiel, "Subpixel Image Scaling for Color Matrix Displays, SID Symp. Digest, 05/02, pp 176-179	

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S.M.		Krantz, John et al., Color Matrix Display Image Quality: The Effects of Luminance... SID 90 Digest, pp 29-32	
		Lee, Baek-woon et al., "40.5L: Late-News Paper: TFT-LCD with RGBW Color system, SID 03 Digest, 2003, pp1212-1215	
		Messing, Dean et al., Improved Display Resolution of Subsampled Colour Images Using Subpixel Addressing, IEEE ICIP 2002, Vol 1, pp 625-628	
		Messing, Dean et al., Subpixel Rendering on Non-Striped Colour Matrix Displays, 2003 International Conf on Image Processing, 9/2003, Barcelona, Spain, 4 pages	
		Okumura et al., "A New Flicker-Reduction Drive Method for High Resolution LCTVs", SID Digest, pp 551-554, 2001	
		UPSTO, Non-Final Office Action dated October 26, 2005 in US Patent Publication Number 2004/0246213 (US Serial No. 10/455,925, Attorney Docket No. 8831.0050)	
		Clairvoyante, Inc, Repsonse to Non-Final Office Action dated April 26, 2006 in US Patent Publication Number 2004/0246213 (US Serial No. 10/455,925, Attorney Docket No. 8831.0050)	
		UPSTO, Final Office Action dated June 14, 2006 in US Patent Publication Number 2004/0246213 (US Serial No. 10/455,925, Attorney Docket No. 8831.0050)	
		UPSTO, Non-Final Office Action dated October 19, 2004 in US Patent Publication Number 2004/0246381 (US Serial No. 10/455,931, Attorney Docket No. 8831.0051)	
		Clairvoyante Inc, Response to Non-Final Office Action dated January 18, 2005 in US Patent Publication Number 2004/0246381 (US Serial No. 10/455,931, Attorney Docket No. 8831.0051)	

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		UPSTO, Non-Final Office Action dated May 1, 2006 in US Patent Publication Number 2004/0246381 (US Serial No. 10/455,931, Attorney Docket No. 8831.0051)	
		UPSTO, Non-Final Office Action dated January 23, 2006 in US Patent Publication Number 2004/0246278 (US Serial No. 10/455,927, Attorney Docket No. 8831.0052)	
		Clairvoyante Inc, Response to Non-Final Office Action dated May 19, 2006 in US Patent Publication Number 2004/0246278 (US Serial No. 10/455,927, Attorney Docket No. 8831.0052)	
		UPSTO, Non-Final Office Action dated October 19, 2005 in US Patent Publication Number 2004/0246279 (US Serial No. 10/456,806 Attorney Docket No. 8831.0053)	
		Clairvoyante Inc, Response to Non-Final Office Action dated January 18, 2005 in US Patent Publication Number 2004/0246381 (US Serial No. 10/455,931, Attorney Docket No. 8831.0051)	
		UPSTO, Final Office Action dated May 2, 2006 in US Patent Publication Number 2004/0246279 (US Serial No. 10/456,806 Attorney Docket No. 8831.0053)	
		UPSTO, Non-Final Office Action dated September 2, 2004 in US Patent Publication Number 2004/0246404 (US Serial No. 10/456,838, Attorney Docket No. 8831.0054)	
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		Clairvoyante Inc, Response to Final Office Action dated December 5, 2005 in US Patent Publication Number 2004/0246404 (US Serial No. 10/456,838, Attorney Docket No. 8831.0054)	
		UPSTO, Non-Final Office Action dated March 20, 2006 in US Patent Publication Number 2004/0246404 (US Serial No. 10/456,838, Attorney Docket No. 8831.0054)	
		UPSTO, Non-Final Office Action dated March 20, 2006 in US Patent Publication Number 2004/0246280 (US Serial No. 10/456,839, Attorney Docket No. 8831.0056)	
		Clairvoyante Inc, Response to Non-Final Office Action dated June 20, 2006 in US Patent Publication Number 2004/0246280 (US Serial No. 10/456,839, Attorney Docket No. 8831.0056)	

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